Industries Costs and Prices, are conducting such studies for Steel, Cement, Aluminium, Paper, Fertilizer, Refineries and Petro-chemicals industries. The National Productivity Council has also been entrusted with energy audit studies in various industries which *inter-alia* include Edible Oil, Glass, Jute, Textile, Tea, Tyre, Engineering, Chemical processing, Chlor Alakli etc.

(c) The major steps being taken by the Government for energy conservation in the industrial and agricultural sectors are:—

(i) Sponsoring diagnostic/follow-up energy audit studies in some industrial units;

(ii) Grant of fiscal incentives such as accelerated depreciation allowance on certain energy saving devices;

(iii) Preparation/circulation of booklets to educate and guide the consumers in conserving energy;

(iv) Preparation of a public awareness campaign;

(v) Demonstration projects on rectification of inefficiant pumpsets used in irrigation; and

(vi) Preparation of energy efficiency standards for electrical appliances of common use.

In addition it is proposed to start training programmes for energy managers and energy auditors.

Standing Advistory Panel on Technology Development

1817. SHRIMATI RENUKA CHOWDHURY: Will the Minister of INDUSTRY be pleased to state:

(a) whether it is a fact that a standing Advisory Panel on Technology Development is being set up for R & D as published in the Economic Times dated 8th October, 1986 and if so, what are the full details thereof; and

(b) how much expenditure has been incurred so far on R & D and how this work was being planned and supervised so far and results of evaluation conducted so far in terms of cost-benefit analysis?

THE MINISTER OF STATE IN THE DEPARTMENT OF CHEMICALS AND PETRO-CHEMICALS IN THE MINISTRY OF INDUSTRY (SHRI R. K. JAICHANDRA SINGH): (a) The Committee for perspective Planning of Petrochemical Industry who submitted its Report on 30-9-86 has recommended that a Standing Advisory Panel on Technology Development may be constituted comprising Senior representatives from Industry, R & D and Design organisations, DGTD and other Departments concerned, for scrutinising and approving research and development programmes for the Petrochemical Industry. The recommendations of the Committee require detailed consideration before a view is taken thereon.

(b) The actual planned expenditure incurred by the Public Sector Unit in Petrochemical Industry on R & D Schemes was about Rs. 4.21 crores during the 6th Five Year Plan and Rs. 1.37 crores in 1985-86. The R & D programmes for Petrochemicals are planned and reviewed by this Department in review meetings and also in the Annual Plan discussions with the Planning Commission and other concerned agencies. The Scientific and Research Advisory Committee for Department of Chemicals and Petrochemicals also examines various R & D programmes for petrochemical industry and advises this Department on broad areas and policies in Scientific and Technological Research. The R&D programmes are meant mainly for upgradation and indigenous development of technologies and it is not possible to quantify the results in absolute cost-benefit terms.